

MAR 16 2004

Traditional 510(k)  
Vaxcel™ Plus Chronic Dialysis Catheter Tunneler  
February 25, 2004

## Summary of Safety and Effectiveness

This 510(k) summary is being submitted in accordance with the requirements of SMDA 1990 and 21 CFR §807.92.

---

**General Information**

**Submitter:** Boston Scientific Corporation  
One Boston Scientific Place  
Natick, MA 01760  
508-652-5003

**Contact Person:** Nicholas Condakes

---

**General Provisions**

**Trade Name:** Vaxcel™ Plus Chronic Dialysis Catheter Tunneler  
**Classification Name:** Catheter Tunneler, Hemodialysis

---

**Name of Predicate Devices**

Vaxcel™ Plus Chronic Dialysis Catheter Tunneler

---

**Classification**

Class II

---

**Performance Standards**

Performance Standards have not been established by FDA under Section 514 of the Food, Drug and Cosmetic Act

---

**Intended Use and Device Description**

The Vaxcel Plus Chronic Dialysis Catheter Tunneler is a slender, cylindrical device made of biocompatible stainless steel or delrin. The tunneler is designed to assist in tunneling the Vaxcel Plus Chronic Dialysis Catheters through subcutaneous tissue during catheter implantation. It has a tapered end, which is used to tunnel through subcutaneous tissue, and a barbed end for attachment of the dialysis catheter tip prior to tunneling. The Vaxcel™ Plus Chronic Dialysis Catheter Tunneler is indicated to assist in tunneling and insertion of Vaxcel™ Plus Chronic Dialysis Catheters of corresponding size (19, 23, 28 cm).

---

**Summary of Substantial Equivalence**

All design characteristics, manufacturing, and sterilization processes are identical to the predicate devices. All performance characteristics are substantially equivalent to currently marketed devices. No new issues of safety or efficacy have been raised.



Food and Drug Administration  
9200 Corporate Boulevard  
Rockville MD 20850

MAR 16 2004

Mr. Nicholas Condakes  
Regulatory Affairs Specialist  
Boston Scientific Corporation, Oncology  
One Boston Scientific Place  
NATICK MA 01760-1573

Re: K040492

Trade/Device Name: Vaxcel™ Plus Chronic Dialysis Catheter Tunneler  
Regulation Number: 21 CFR §876.5540  
Regulation Name: Blood access device and accessories  
Regulatory Class: II  
Product Code: 78 MSD  
Dated: February 25, 2004  
Received: March 2, 2004

Dear Mr. Condakes:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (sections 531-542 of the Act); 21 CFR 1000-1050.

This letter will allow you to begin marketing your device as described in your Section 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please contact the Office of Compliance at one of the following numbers, based on the regulation number at the top of the letter:

8xx.1xxx	(301) 594-4591
876.2xxx, 3xxx, 4xxx, 5xxx	(301) 594-4616
884.2xxx, 3xxx, 4xxx, 5xxx, 6xxx	(301) 594-4616
892.2xxx, 3xxx, 4xxx, 5xxx	(301) 594-4654
Other	(301) 594-4692

Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97) you may obtain. Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its Internet address <http://www.fda.gov/cdrh/dsma/dsmamain.html>.

Sincerely yours,



Nancy C. Brogdon  
Director, Division of Reproductive,  
Abdominal and Radiological Devices  
Office of Device Evaluation  
Center for Devices and Radiological Health

Enclosure

## Indications For Use

510(k)  
Number  
(if known)

K040492

Device Name: Vaxcel™ Plus Chronic Dialysis Catheter Tunneler

Indications  
for Use

The Vaxcel™ Plus Chronic Dialysis Catheter Tunneler is indicated to assist in tunneling and insertion of Vaxcel™ Plus Chronic Dialysis Catheters of corresponding size (19, 23, 28 cm).

(PLEASE DO NOT WRITE BELOW THIS LINE – CONTINUE ON ANOTHER PAGE IF NEEDED)

Concurrence of CDRH, Office of Device Evaluation (ODE)

Prescription Use   
(Per 21 CFR 801.109)

OR

Over-The Counter Use   
(Optional Format 1-2-96)

Nancy C Brogdon  
(Division Sign-Off)  
Division of Reproductive, Abdominal,  
and Radiological Devices

510(k) Number K040492